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PATENT

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J.D.  
4-29-02

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APR 23 2002

Technology Center 2600

INFORMATION DISCLOSURE  
STATEMENT

In Re the Application of: )  
)  
SCHNECK et al. )  
)  
Serial No.: 10/057,054 )  
)  
Filed: January 25, 2002 )  
)  
Atty. File No.: 3699-12 )  
)  
For: "METHOD AND SYSTEM FOR )  
AUTHENTICATING AN OPTICAL )  
DISC USING PURPOSEFULLY )  
PROVIDED DATA ERRORS" )

Group Art Unit: 2651

Examiner:

## CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
BEING DEPOSITED WITH THE UNITED STATES POSTAL  
SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE  
ADDRESSED TO THE ASSISTANT COMMISSIONER FOR  
PATENTS, WASHINGTON, DC 20231 ON THIS 9 DAY OF  
April, 2002.

SHERIDAN ROSS P.C.

BY:

Chasity C. Rossum

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

The references cited on attached Form PTO-1449 are being called to the attention of the Examiner.

Copies of the cited references:



Are enclosed herewith.



Are not enclosed, in accordance with 37 C.F.R. 1.98(d), because the references were  
submitted to the U.S. Patent and Trademark Office in prior application Serial No. 09/646,141  
filed September 13, 2000, which is relied upon for an earlier filing date under 35 U.S.C. §  
120



To the best of applicants' belief, the pertinence of the foreign-language references are  
believed to be summarized in the attached English abstracts and in the figures, although applicants do not  
necessarily vouch for the accuracy of the translation.



Examiner's attention is drawn to the following co-pending applications:

Serial No. 09/646,141 filed September 13, 2000

Serial No. 09/163,087 filed September 29, 1998

Submission of the above information is not intended as an admission that any item is citable under the  
statutes or rules to support a rejection, that any item disclosed represents analogous art, or that those skilled in  
the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should  
an inference be drawn as to the pertinence of the references based on the order in which they are presented.  
Submission of this statement should not be taken as an indication that a search has been conducted, or that no  
better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

### FEES

<input checked="" type="checkbox"/>	<p>No fee is believed due in connection with this submission, because the information disclosure statement submitted herewith is being filed:</p> <p><input type="checkbox"/> within three months of the date of entry into the national stage of an international application or</p> <p><input checked="" type="checkbox"/> before the mailing date of a first Office Action on the merits,</p> <p>whichever occurs last. 37 C.F.R. 1.97(b).</p> <p>Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.</p>
<input type="checkbox"/>	<p>The information disclosure statement transmitted herewith is being filed after three months of the filing date of this national application or the date of entry of the national stage as set forth in 37 C.F.R. 1.491 in an international application or after the mailing date of the first Office action on the merits, whichever occurred last but before the mailing date of either:</p> <p>(1) a final action under 37 C.F.R. 1.113 or</p> <p>(2) a notice of allowance under 37 C.F.R. 1.311,</p> <p>whichever occurs first. This Information Disclosure Statement is accompanied by:</p> <p><input type="checkbox"/> A Certification (below) as specified by 37 C.F.R. 1.97(e). Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.</p> <p>OR</p> <p><input type="checkbox"/> A check in the amount of \$240.00 for the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement. Please credit any overpayment or charge any underpayment to Deposit Account No. 19-1970.</p>
<input type="checkbox"/>	<p>This Information Disclosure Statement is being submitted after the mailing date of a final action under § 1.113 or a notice of allowance under § 1.311, but before payment of the issue fee.</p> <p><input type="checkbox"/> This information Disclosure Statement includes a Certification (below) as specified by 37 C.F.R. 1.97(e)</p> <p>AND</p> <p><input type="checkbox"/> Applicants hereby petition for consideration of the references disclosed herein. Enclosed is a petition fee in the amount of \$130.00 under 37 C.F.R. 1.17(i)(1). Please credit any overpayment or charge any underpayment to Deposit Account No. 19-1970.</p>
<input type="checkbox"/>	<p>Applicant elects to pay the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement, and the enclosed check includes \$240.00 for payment of such fee. Please credit any overpayment or charge any underpayment to Deposit Account No. 19-1970. Election to pay the fee should not be taken as an indication that applicant(s) cannot execute a certification.</p>

**Certification (37 C.F.R. 1.97(e))**  
(Applicable only if checked)

☐ The undersigned certifies that:

☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(1).

☐ A copy of the communication from the foreign patent office is enclosed.

OR

☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(2).

Respectfully submitted,

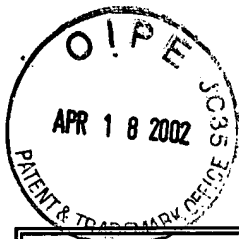
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Date: April 9, 2002

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SHEET 1 OF 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 3699-12	SERIAL NO. 10/057,054
	APPLICANT SCHNECK et al.	
	FILING DATE January 25, 2002	GROUP ART 2651

U.S. PATENT DOCUMENTS

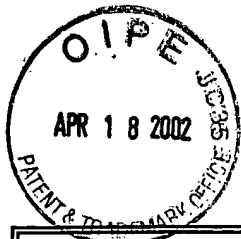
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME Technology Center	CLASS 2600	SUB CLASS	FILING DATE IF APPROP.
	1.	4,523,304	6/11/85	SATOH et al.	369	32	
	2.	4,542,288	9/17/85	DREXLER	235	487	
	3.	4,544,835	10/1/85	DREXLER	235	487	
	4.	4,677,604	6/30/87	SELBY, III et al.	369	33	
	5.	4,866,769	9/12/89	KARP	380	4	
	6.	4,879,704	11/7/89	TAKAGI et al.	369	14	
	7.	4,975,898	12/4/90	YOSHIDA	369	100	
	8.	5,003,521	3/26/91	YOSHIDA et al.	369	44.25	
	9.	5,073,880	12/17/91	MAEDA et al.	369	32	
	10.	5,233,584	8/3/93	KULAKOWSKI et al.	369	44.27	
	11.	5,289,451	2/22/94	ASHINUMA et al.	369	58	
	12.	5,311,494	5/10/94	SUGITA et al.	369	100	
	13.	5,347,509	9/13/94	GOLDBERG et al.	369	275.3	
	14.	5,400,319	3/21/95	FITE et al.	369	275.5	
	15.	5,418,852	5/23/95	ITAMI et al.	380	4	
	16.	5,426,625	6/20/95	BUI et al.	369	44.32	
	17.	5,453,968	9/26/95	VELDHUIS et al.	369	84	
	18.	5,461,239	10/24/95	ATHERTON	250	566	
	19.	5,473,584	12/5/95	OSHIMA	369	32	
	20.	5,510,163	4/23/96	SULLIVAN et al.	428	64.1	
	21.	5,513,260	4/30/96	RYAN	380	3	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

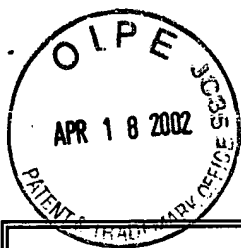
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	APPLICANT SCHNECK et al.	
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	22.	5,513,169	4/30/96	FITE et al.	369	272	
	23.	5,538,773	7/23/96	KONDO	428	64.1	
	24.	5,570,379	10/29/96	SASAKI et al.	371	42	
	25.	5,572,589	11/5/96	WATERS et al.	380	4	
	26.	5,574,787	11/12/96	RYAN	380	5	
	27.	5,587,981	12/24/96	KAMATANI	369	58	
	28.	5,587,984	12/24/96	OWA et al.	369	103	
	29.	5,592,454	1/7/97	TOBITA et al.	369	58	
	30.	5,598,399	1/28/97	OGIHARA et al.	369	275.2	
	31.	5,608,171	3/4/97	ITO et al.	369	275.3	
	32.	5,629,914	5/13/97	CLARK et al.	369	59	
	33.	5,636,292	6/3/97	RHOADS	382	232	
	34.	5,644,566	7/1/97	NAKAYAMA et al.	369	275.2	
	35.	5,661,703	8/26/97	MORIBE et al.	369	14	
	36.	5,671,202	9/23/97	BROWNSTEIN et al.	369	58	
	37.	5,680,383	10/21/97	CLARK et al.	369	59	
	38.	5,681,633	10/28/97	ONAGI et al.	428	64.3	
	39.	5,815,484	9/29/98	SMITH et al.	369	275.1	
	40.	6,011,772	1/4/00	ROLLHAUS et al.	369	286	
	41.	6,338,933	1/15/02	LAWANDY et al.	430	270.1	
	42.	6,343,063	1/29/02	ROLLHAUS et al.	369	286	

EXAMINER	DATE CONSIDERED
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SHEET 3 OF 2

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	FILING DATE January 25, 2002	GROUP ART 2651

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	43.	WO 99/22340	5/6/1999	PCT	G06K	19/06		
	44.	WO 98/54713	12/3/1998	PCT	G11B G06F	20/00 1/00		
	45.	WO 99/67085	12/29/99	PCT	B32B	3/00		

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	46.	Seto, "Photochromic Dyes," Research Center, SONY Corporation, Hodogaya-ku, Yokohama, Kanagawa 240, Japan, pp. 71-88.
	47.	Tarkka et al., "Holographic Storage in a Near-IR Sensitive Photochromic Dye," <i>Optics Communications</i> , pp. 54-58.
	48.	Matsui, "Optical Recording Systems," <i>Infrared Absorbing Dyes</i> , pp. 117-140, Plenum Press, NY, 1990.
	49.	ROLLHAUS et al., U.S. Publication No. US2001/0046204 Entitled "MACHINE-READABLE OPTICAL DISC WITH READING-INHIBIT AGENT"; November 29, 2001
	50.	U.S. Provisional Patent Application Serial No. 60/026,390 Entitled "MACHINE-READABLE OPTICAL DISC WITH READING-INHIBIT AGENT," September 16, 1996

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